

Converting Colors

XYZ(69.4697, 58.9810, 69.1078)

Have a look what the booklet for
XYZ(69.4697, 58.9810, 69.1078)
contains.

XYZ(69.5217, 59.0109, 69.3541)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(69.5217, 59.0109,
69.3541)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB5D3
RGB	255, 181, 211
RGB Percent	100%, 71%, 83%
CMY	0.0000, 0.2902, 0.1725
CMYK	0.00, 0.29, 0.17, 0.00
HSL	336°, 100%, 85%
HSV	336°, 29%, 100%
XYZ	69.5217, 59.0109, 69.3541
YIQ	206.5460, 34.4740, 25.0180

Conversions

Conversions Part 2

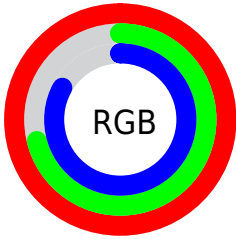
Format	Color
R _Y B	255, 181, 211
Decimal	16758227
CIE Lab	81.30, 31.12, -4.33
CIE LCh	81, 31.416, 352.083
Yxy	59.0109, 0.3513, 0.2982
Android (android.graphics.Color)	4294948307 (0xFFFFB5D3)
YUV	206.5460, 2.1958, 42.4942
Hunter-Lab	76.8186, 27.1121, 0.2442

Details

The XYZ color **69.5217, 59.0109, 69.3541** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **68.4088, 86.7810, 84.3827**, and the grayscale version is **58.9884, 62.0604, 67.5838**.

A 20% lighter version of the original color is **89.5742, 89.0484, 107.0747**, and **36.7011, 29.4834, 35.6548** is the 20% darker color. If you saturate the color by 10%, you get **62.9912, 48.8497, 58.2370**, and if you desaturate by 10%, it is **77.1834, 71.1468, 81.7344**.

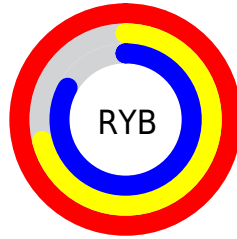
Distribution



Red (100%)

Green (71%)

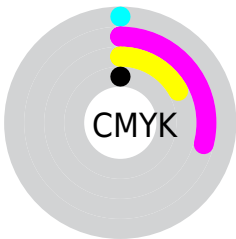
Blue (83%)



Red (100%)

Yellow (71%)

Blue (83%)

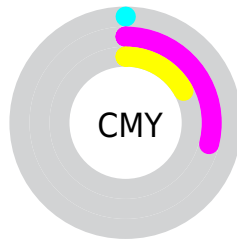


Cyan (0%)

Magenta (29%)

Yellow (17%)

Black (0%)



Cyan (0%)


Magenta (29%)


Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.5217, 59.0109, 69.3541 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 69.5217, 59.0109, 69.3541 by changing the saturation by 10% instead.


 69.5217, 59.0109,
69.3541

 69.5217, 59.0109,
69.3541


448.1615,
420.9423, 477.0066

 51.4149, 42.6219,
50.5266


 117.5564,
103.3935, 119.9597

 36.7613, 29.5886,
35.4579


148.2150,
132.1559, 152.5748

 25.1955, 19.5265,
23.7294


183.7882,
165.8115, 190.6229

 16.3523, 12.0513,
14.9227

224.6415,
204.7448, 234.5225

 9.8662, 6.7786,
8.6191

271.1401,
249.3401, 284.6921

 5.3719, 3.3241,
4.4002

323.6494,

 2.5041, 1.3032,

299.9819, 341.5503

1.8474

382.5347,
357.0545, 405.5156

■ 0.8973, 0.1437,
0.4589

■ 0.0000, 0.0000,
0.0000

■ 69.5217, 59.0109,
69.3541

■ 69.5217, 59.0109,
69.3541

■ 62.9912, 48.8497,
58.2370

■ 77.1834, 71.1468,
81.7344

■ 57.5307, 40.5498,
48.3362

■ 86.0245, 85.3472,
95.4153

■ 53.0797, 33.9982,
39.6069

95.0500, 100.0000,
108.9000

■ 49.5696, 29.0661,
31.9995

■ 46.9226, 25.6071,
25.4600

■ 45.0470, 23.4474,
19.9282

■ 43.8098, 22.3315,
15.3283

■ 43.7068, 22.2467,
14.9199

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



66.6311, 59.0109, 89.0867



69.5217, 59.0109, 69.3541



68.5974, 59.0109, 51.6145

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.5217, 59.0109, 69.3541



51.4815, 59.0109, 36.2716



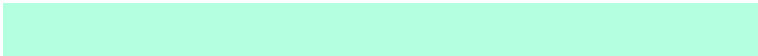
48.6935, 59.0109, 97.1457

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



69.5217, 59.0109, 69.3541



68.4088, 86.7810, 84.3827

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



45.2002, 59.0109, 78.8022



69.5217, 59.0109, 69.3541



46.7204, 59.0109, 44.5248

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



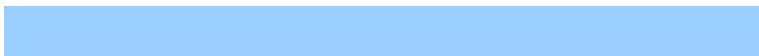
69.5217, 59.0109, 69.3541



57.8421, 59.0109, 34.7204



44.5071, 59.0109, 59.4081



54.3699, 59.0109, 107.0494

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69.5217, 59.0109, 69.3541



65.9725, 59.0109, 42.9688



44.5071, 59.0109, 59.4081



47.2438, 59.0109, 91.6101

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



69.5232, 59.0135, 69.3553



86.0407, 85.3734, 95.4399



65.3681, 56.1447, 101.9995



18.1247, 17.8028, 19.9843



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.5232, 59.0135, 69.3553



65.4831, 52.7026, 62.5546



67.3881, 60.2103, 51.7895



18.3145, 18.1091, 20.2735



22.9070, 11.6521, 8.1609



2.2828, 1.1555, 1.0708

Inverse Universe

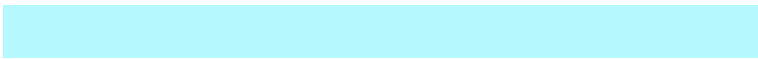
The Inverse Universe completely reimagines the original color for something new.



69.5232, 59.0135, 69.3553



65.4831, 52.7026, 62.5546



70.9319, 84.6932, 107.2167



18.3145, 18.1091, 20.2735



22.9070, 11.6521, 8.1609



2.2828, 1.1555, 1.0708

Previews

White Background



This preview shows how the XYZ color 69.5217, 59.0109, 69.3541 looks on a white background.

Color Contrast Check

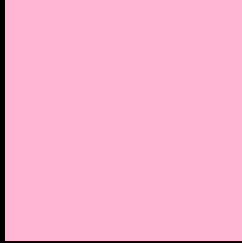
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 69.5217, 59.0109, 69.3541 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

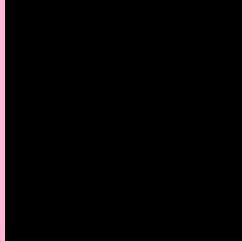
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.5217, 59.0109, 69.3541

Background



This preview shows how black text looks on a background with the XYZ color 69.5217, 59.0109, 69.3541.



This preview shows how white text looks on a background with the XYZ color 69.5217, 59.0109,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

69.5217, 59.0109, 69.3541

Protanopia

58.0253, 59.3804, 78.2153

Deuteranopia

60.3385, 59.0940, 67.9006



Tritanopia

67.5195, 58.7808, 60.6105

Trichromacy



Original Color

69.5217, 59.0109, 69.3541



Protanomaly

61.5932, 58.9137, 75.1430



Deuteranomaly

63.4181, 59.0209, 68.3713



Tritanomaly

68.2617, 58.7910, 63.6271

Monochromacy



Original Color

69.5217, 59.0109, 69.3541



Achromatopsia

59.3074, 62.3960, 67.9493



Achromatomaly

62.3197, 60.7895, 68.1235

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.5217, 59.0109, 69.3541 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(255, 181, 211)` looks like.

```
.text, #text, p{  
    color:rgb(255, 181, 211)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(255, 181, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 181, 211) }
```

Border

The CSS property to change the border of an element to XYZ 69.5217, 59.0109, 69.3541 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 181, 211) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(255, 181, 211) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(255, 181, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 181, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 181, 211);  
box-shadow:4px 4px 4px 4px rgb(255, 181,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 69.5217, 59.0109, 69.3541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 181, 211) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(255,  
181, 211) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor